

REQUEST FOR COUNCIL ACTION

SUBJECT: **Secondary Water RPZ Connections Project - Amendment to Professional Service for Construction Services**

SUMMARY: Approve Amendment No.3 to the Secondary Water Master Plan Professional Services Agreement with Hansen, Allen and Luce, Inc. to include construction management services for the RPZ Construction project, in an amount not to exceed \$8,280.00.

FISCAL IMPACT: Funds are available in the Capital Water Account.

STAFF RECOMMENDATION:


Staff recommends approval of Amendment No.3 to the Secondary Water Master Plan Professional Services Agreement with Hansen, Allen and Luce, Inc. to include construction management services for the RPZ Construction project, in an amount not to exceed \$8,280.00.

MOTION RECOMMENDED:

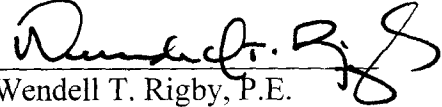
"I move to adopt Resolution No. 15-158 authorizing the Mayor to Amendment No.3 to the Secondary Water Master Plan Professional Services Agreement with Hansen, Allen and Luce, Inc. to include construction management services for the RPZ Construction project, in an amount not to exceed \$8,280.00.

Roll Call vote required

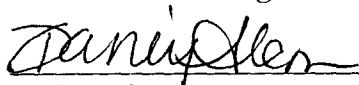
Prepared by:


Justin Stoker, P.E.
Deputy Director of Public Works

Reviewed by:


Wendell T. Rigby, P.E.
Director of Public Works

Reviewed as to Legal Sufficiency:


Darien Alcorn
Acting City Attorney

Recommended by:


Bryce Haderlie
Interim City Manager

BACKGROUND DISCUSSION:

The City initially hired the engineering firm of Hansen, Allen and Luce, Inc. (HAL) to prepare the Secondary Water Master Plan.

Amendment No. 1 to the original Agreement was for original design of the Secondary Water System RPZ Connection project, which is currently under construction.

Amendment No. 2 provided for additional design necessary for the secondary water system proposed to operate properly, such as air/vacuum valves, drain valves, etc. It also provided for a public education program to help affected residents understand the need for the secondary water system and provide a long-term public education plan for secondary water. The 2nd Amendment also provided for HAL to complete a feasibility study to determine if reclaimed wastewater from the South Valley Water Reclamation Plant could be used as part of the City's secondary water system.

Amendment No. 3 allows for technical services to be provided to the City during the construction of the RPZ connections on an as-needed basis. The majority of the construction management services will be provided by City staff – HAL staff would only be asked to assist on an as-needed basis in reviewing technical issues during construction of the project.

Attachments:

Resolution

Amendment No. 3

THE CITY OF WEST JORDAN, UTAH
A Municipal Corporation

RESOLUTION NO. 15-158

A RESOLUTION AUTHORIZING THE MAYOR TO EXECUTE AMENDMENT NO. 3 TO THE
PROFESSIONAL SERVICES AGREEMENT BETWEEN
THE CITY AND HANSEN, ALLEN AND LUCE, INC.

WHEREAS, the City Council of the City of West Jordan has reviewed Amendment No. 3 to the Professional Services Agreement between the City of West Jordan and Hansen, Allen, and Luce, Inc. (a copy of which is attached) for additional services related to Secondary Water Master Plan in an amount not to exceed \$8,280; and

WHEREAS, the City Council of the City of West Jordan desires to approve Amendment No. 3 to the Professional Services Agreement with Hansen, Allen, and Luce, Inc. services related to Secondary Water Master Plan in an amount not to exceed \$8,280.

NOW, THEREFORE, IT IS RESOLVED BY THE CITY COUNCIL OF WEST JORDAN, UTAH, THAT:

Section 1. After approval as to legal form, the Mayor is hereby authorized and directed to approve Amendment No. 3 to the Professional Services Agreement with Hansen, Allen, and Luce, Inc. for the Secondary Water Master Plan in an amount not to exceed \$8,280.

Section 2. This Resolution shall take effect immediately upon passage.

Adopted by the City Council of West Jordan, Utah this 12th day of August 2015.

Kim V. Rolfe
Mayor

ATTEST:

MELANIE S. BRIGGS
City Recorder

Voting by the City Council	"AYE"	"NAY"
Jeff Haaga	_____	_____
Judy Hansen	_____	_____
Chris McConnehey	_____	_____
Chad Nichols	_____	_____
Sophie Rice	_____	_____
Ben Southworth	_____	_____
Mayor Kim V. Rolfe	_____	_____

AMENDMENT NO. 3
TO AN AGREEMENT
FOR PROFESSIONAL SERVICES
BETWEEN THE CITY OF WEST JORDAN
AND
Hansen, Allen and Luce, Inc.

THIS AMENDMENT, made and entered into this 12th day of August 2015 by and between the CITY OF WEST JORDAN, a municipal corporation (hereinafter referred to as "City"), and Hansen Allen & Luce, Inc.(hereinafter referred to as "Consultant").

The City and Consultant agree as to amend the following sections of the original Professional Services Agreement to provide for additional services for the Secondary Water Master Plan.

2. **DESCRIPTION OF SERVICES**

The services to be performed by Consultant are as follows:

Provide for additional RPZ design, adding three new RPZ Connection sites described in the attached Consultant's proposal dated June 9, 2015.

3. **COMPENSATION AND PAYMENT**

The total compensation payable to Consultant by City for the services described in Paragraph 2 shall not exceed the sum of **\$8,280** for Amendment No. 3 bringing the total not-to-exceed fee to \$152,183.00 for services under this contract.

In concurrence and witness whereof, this Agreement has been executed by the parties effective on the date and year first above written.

CITY OF WEST JORDAN

Kim V. Rolfe, Mayor

APPROVED AS TO ADMINISTRATION:

Melanie Briggs, City Recorder

CONSULTANT

Richard M Noble
Hansen, Allen and Luce, Inc.

STATE OF Utah)
 :SS
COUNTY OF Salt Lake

On this 29 day of July, 2015 personally appeared before me, _____
Richard M. Noble, who being by me duly sworn did say that he is the Principal
of Hansen, Allen & Luce, a Utah
corporation, and that the foregoing instrument was signed in behalf of said corporation by authority of its
Board of Directors, and he acknowledged to me that said corporation executed the same.

Paula Roberts
NOTARY PUBLIC



My Commission Expires: 08-11-2015

Residing in Bandy County, Salt Lake



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FAX (801) 566-5581
www.hansenallenluce.com

Mr. Justin Stoker
Assistant Public Works Director
City of West Jordan
8030 South 4000 West
West Jordan, UT 84088

June 9, 2015

Re: Proposal for Additional Services Related to Secondary Water RPZ Connections
(Secondary Water Master Plan Update Amendment No. 3)

Dear Mr. Stoker:

As requested, Hansen, Allen & Luce, Inc. (HAL) has prepared this proposed scope and budget for additional services related to the Secondary Water RPZ Connections Project. This additional work is for engineering services during construction. HAL's work on the RPZ Connections was previously added to our contract for the Secondary Water Master Plan Update. Included in this proposal are: a statement of the understanding of the project, HAL's scope of work, our schedule, and a fee proposal.

UNDERSTANDING OF THE PROJECT

Recently HAL provided designs and bid documents for RPZ connections to the drinking water system as a method of providing a short-term water supply to certain subdivisions with existing secondary water pipes. The City issued an amendment to HAL's contract to include design of three RPZ connections; however, at the 90% review meeting the City requested that HAL add three additional RPZ connections to the project. The City has now awarded a contract and is ready to begin construction of the project. The City has requested that HAL provide engineering services during construction. This work is not included in the present contract and a contract amendment is needed.

APPROACH TO THE WORK

The original design scope included the design of three (3) RPZ Connection sites. The three sites were selected based on potable water pressure zones in the areas to be served by the secondary irrigation system. A site visit was conducted with City staff to determine the best location for the RPZ sites in the field. During the 90% review meeting, city staff requested that some RPZ Connection locations be moved and that additional sites be added to the project. Presented below is our proposed project approach to add three (3) new RPZ Connection sites:

Mr. Justin Stoker

June 9, 2015

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- Identify any additional air vacuum/air relief valves and drains required based on the new RPZ Connection sites and areas served.
- Conduct topographic survey of the new RPZ locations and air valve and drains sites.
- Update the hydraulic model with the revised and new RPZ Connection locations and determine the RPZ size for each site.
- Update drawing site plans and details to reflect the new and revised facilities.
- Update the specifications and bid documents.
- Submit the drawings and specifications for the City to review.
- Make and changes based on City review comments and submit final bid documents to the City.

Presented below is our proposed project approach to add Services During Construction (SDC) for the construction of the RPZ Connections project.

The following items will be added to the existing design tasks:

- Attend the pre-construction conference with the City and Contractor.
- Attend construction meetings with the City and Contractor once a month. Assume 7 meetings during construction.
- Conduct 2 site observations during construction and 2 site visits during start-up. It is assumed that these visits will be during construction of Bid Schedules A and B.
- Cost per additional site visit would be \$490 including travel and 2 hours on site.
- Cost per review of Contractor RFI or Submittal questions would be \$150/hour.

FEE PROPOSAL

We propose to complete the work on a time and materials basis with a not-to-exceed contract amount of **\$8,280**. A detailed breakdown of HAL's estimated time and expenses is provided in the attached table.

We appreciate the opportunity of working with the City on the secondary water project. Please do not hesitate to call if there are any questions regarding information in this proposal.

Sincerely,

HANSEN, ALLEN & LUCE, INC.




Richard M. Noble, P.E.

Principal and Project Manager

HAL PROPOSAL SPREADSHEET

CLIENT: West Jordan

PROJECT: 2015 Secondary Water System Project

Pha	Task #	Task Activity	Billing Period	Hours							Total Hours	Labor Costs	Expense Cost	Total HAL Cost	Outside Expense	COMMENT	
				Principal	Manging Prof.	Sr Prof II	Sr Prof I	GPS Survey	Prof I	CAD							
III Design Phase																	
	310	Identify additional AVAR and Drain locations	1		1.0							1	\$143.20	6.00	\$149.20		
	311	Conduct topographic survey on new sites	1					4.0				4	\$636.00	24.00	\$660.00		
	312	Update hydraulic model and size RPZs	1						1.0			1	\$96.30	6.00	\$102.30		
	313	Update drawings and specs	1		2.0					15.0		17	\$1,418.90	102.00	\$1,520.90		
	314	Submit final bid documents to City	1		1.0							1	\$143.20	6.00	\$149.20		
	399	Quality Control (QC) / Quality Assurance (QA)	1	1.0								1	\$170.00	6.00	\$176.00		
	SUBTOTAL HOURS/UNITS:			1	4	0	0	4	1	15	0	25					
	SUBTOTAL:			\$170.00	\$572.80	\$0.00	\$0.00	\$636.00	\$96.30	\$1,132.50	\$0.00		\$2,607.60	\$150.00	\$2,757.60	\$0.00	Outside / Subconsultant Costs
IV Services During Construction																	
	400	Attend Pre-Con Meeting	1	2.0	2.0							4	\$626.40	63.00	\$689.40		
	401	Attend Weekly Construction Meetings	1		17.5							17.5	\$2,506.00	378.00	\$2,884.00		
	402	Conduct site observations (4 visits)	1		12.0							12	\$1,718.40	228.00	\$1,946.40		
	499	Quality Control (QC) / Quality Assurance (QA)	1									0	\$0.00	0.00	\$0.00		
	SUBTOTAL HOURS/UNITS:			2	31.5	0	0	0	0	0	0	33.5					
	SUBTOTAL:			\$340.00	\$4,510.80	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$4,850.80	\$669.00	\$5,519.80	\$0.00	Outside / Subconsultant Costs
	TOTAL HOURS BY EMPLOYEE:			3	35.5	0	0	4	1	15	0						

PHASE	TASK	Labor	Direct Exp	Subtotal	Subconsultant	SubTotal
		Costs	Cost		Costs	
III	Design Phase	\$2,607.60	\$150.00	\$2,757.60	\$0.00	\$2,757.60
IV	Services During Construction	\$4,850.80	\$669.00	\$5,519.80	\$0.00	\$5,519.80
	TOTAL:	\$7,458.40	\$819.00	\$8,277.40	\$0.00	\$8,277.40

Filename: C:\Users\mobile.HAL\Desktop\Copy of REV 1 RPZ Design Change 2 SDC HAL Proposal Spreadsheet_2014 Billing Structure.xlsm>Data - Contingency in Hours

